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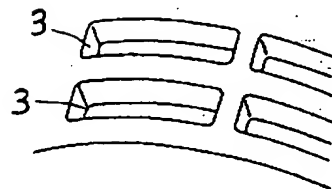
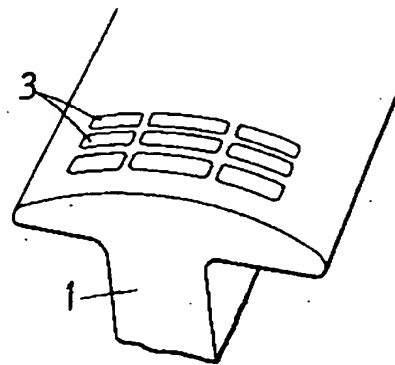
APPLICATION DATE : 12-08-80
APPLICATION NUMBER : 55111508

APPLICANT : MATSUSHITA ELECTRIC WORKS LTD;

INVENTOR : YOSHIDA TOKUO;

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TITLE : REGULATING METHOD FOR
BALANCE OF ROTATING BODY



ABSTRACT : PURPOSE: To prevent a rotating body from being heated and improve the regulating accuracy in a balance regulating method employing a laser beam or the like, by a method wherein the pitch of the irradiated position in the axial direction is to be larger than the beam diameter while that in the rotational direction is to be larger than the pulse width.

CONSTITUTION: In the case where the balance of a rotating body 1 is regulated by removing unnecessary portions by means of irradiation of a laser beam or an electron beam, the unbalanced portion of the rotating body 1 is irradiated with a laser beam or the like in a pulse manner so that irradiation positions are not overlapped. In this case, the irradiation pitch in the axial direction of the rotating body 1 is to be larger than the beam diameter while the pitch in the rotational direction is to be larger than the width of the hole formed by one pulse, to form holes 3 successively. Thereby, there is no possibility of the rise in temperature of the rotating body 1, and in addition, no burr is produced, as well as it is possible to perform a highly accurate balance regulation.

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